PTO/SB/05 (08-03)

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UTILITY PATENT APPLICATION TRANSMITTAL

M0025.0301/P301 Attorney Docket No. First Inventor Peter J. Frith DIGITAL-TO-ANALOGUE CONVERTER Title CIRCUITS

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission 8. See 37 CFR 1.27. (if applicable, all necessary) 3. х Specification [Total Pages 32 Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Applications Paper CD-ROM or CD-R (2 copies); or Statement Regarding Fed sponsored R & D Statements verifying identity of above copies Reference to sequence listing, a table, C. or a computer program listing appendix Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention Brief Description of the Drawings (if filed) 9 Assignment Papers (cover sheet & document(s)) Detailed Description 37 CFR 3.73(b) Statement Power of - Claim(s) 10. - Abstract of the Disclosure (when there is an assignee) Attorney 4. X Drawing(s) (35 U.S.C. 113) 10 English Translation Document (if applicable) (Total Sheets 11. Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Newly executed (original or copy) 13. **Preliminary Amendment** Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) b. 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** 15. (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16. Applicant must attach form PTO/SB/35 or its equivalent. see 37 CFR 1.63(d)(2) and 1.33(b). Claim for Priority 17. X Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 24998 x | Correspondence address below DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Name Stephen A. Soffen Address 2101 L Street NW Zip Code Washington DC 20037-1526 City State 110 Telephone (202) 785-9700 Fax (202) 887-0689 Country

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Signature		Stenal	loff		Date	February 4, 2004

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Complete if Known FEE TRANSMITTAL Not Yet Assigned Application Number Concurrently Herewith for FY 2004 Filing Date Peter J. Frith First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 Art Unit **TOTAL AMOUNT OF PAYMENT** M0025.0301/P301 385.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES Check Other None Deposit Account: х Large Entity Small Entity Deposit 04-1073 Fee Fee Account Fee **Fee Description** Number Code (\$) Code (\$) Fee Paid Deposit Dickstein Shapiro Morin & 1051 130 2051 65 Surcharge - late filing fee or oath Oshinsky LLP Name Surcharge - late provisional filing fee or cover 1052 50 2052 25 The Director is authorized to: (check all that apply) X Credit any overpayments X Charge fee(s) indicated below 1053 130 1053 130 Non-English specification х Charge any additional fee(s) or any underpayment of fee(s) 1812 2.520 1812 2.520 For filing a request for ex parte reexamination Requesting publication of SIR prior to 1804 9201 1804 920* Charge fee(s) indicated below, except for the filing fee Examiner action Requesting publication of SIR after to the above-identified deposit account. 1805 1,840 1805 1,840 **FEE CALCULATION** 1251 2251 Extension for reply within first month 1. BASIC FILING FEE 1252 2252 420 210 Extension for reply within second month Large Entity Small Entity 1253 2253 950 475 Extension for reply within third month Fee Fee Fee Paid Fee Fee Fee Description 1254 1.480 2254 740 Extension for reply within fourth month 1001 770 2001 385 Utility filing fee 385.00 1255 2,010 2255 1.005 Extension for reply within fifth month 1002 340 2002 170 Design filing fee 1401 330 2401 Notice of Appeal 165 1003 530 2003 265 Plant filing fee 1402 330 2402 Filing a brief in support of an appeal 165 1004 770 2004 385 Reissue filing fee 1403 2403 Request for oral hearing 1005 160 2005 80 Provisional filing fee 1451 1,510 1451 Petition to institute a public use proceeding 1452 110 2452 Petition to revive - unavoidable SUBTOTAL (1) 385.00 1453 1,330 2453 665 Petition to revive - unintentional 1501 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1,330 2501 Utility issue fee (or reissue) Extra Fee from 1502 480 2502 Fee Paid 240 Design issue fee Claims below Total Claims 11 -20** = 0.00 1503 640 2503 320 Independent 1460 130 1460 130 Petitions to the Commissioner 3 -3** = 0.00 Multiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt Large Entity Small Entity Recording each patent assignment per Fee Fee Description 8021 40 8021 40 Code (\$) Code (\$) property (times number of properties) Filing a submission after final rejection 1202 2202 18 9 Claims in excess of 20 1809 770 2809 385 (37 CFR 1.129(a)) 1201 86 2201 Independent claims in excess of 3 For each additional invention to be 1810 770 2810 385 1203 290 2203 Multiple dependent claim, if not paid examined (37CFR 1.129(b)) 1204 86 2204 Reissue independent claims 1801 770 2801 385 Request for Continued Examination (RCE) over original patent Request for expedited examination 1802 900 900 1802 1205 18 2205 Reissue claims in excess of 20 of a design application and over original patent Other fee (specify) SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 **or number previously paid, if greater, For Reissues, see above

SUBMITTED BY					(Complete	(if applicable))
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